

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Currently Amended)** An electrode-built-in susceptor comprising:
a susceptor base body ~~which is~~ made of an ~~aluminium~~ aluminum-nitride-group-sintered-member ~~on one of which~~ having a surface for carrying a plate sample is mounted thereon;
an inner electrode ~~which is~~ built in the susceptor member base body;
a power supplying terminal ~~which is~~ disposed in the susceptor base body ~~so as to be attached to,~~ the power supplying terminal contacting the inner electrode, the power supplying terminal being formed by a conductive aluminum-nitride-tantalum-nitride-composite-sintered-member; and
an insulating layer ~~which is~~ formed ~~mainly~~ by one of a boron nitride, a lithium oxide, an ~~aluminium~~ aluminum oxide, or a magnesium oxide ~~is formed,~~ the insulating layer being formed between the inner electrode and the mounting surface.
2. **(Currently Amended)** An electrode-built-in susceptor comprising:
a susceptor base body ~~which is~~ made of an ~~aluminium~~ aluminum-nitride-group-sintered-member ~~on one of which~~ having a surface for carrying a plate sample is mounted thereon;
a plurality of inner electrodes ~~which are~~ built in the susceptor member base body;
a plurality of power supplying terminals ~~which are~~ disposed in the susceptor base body ~~so as to be attached to each of a plurality of,~~ each power supplying terminal contacting the inner electrodes, each power supplying terminal being formed by a conductive aluminum-nitride-tantalum-nitride-composite-sintered-member; and
an insulating layer ~~which is~~ formed ~~mainly~~ by ~~one of~~ at least a boron nitride, a lithium oxide, an ~~aluminium~~ aluminum oxide, or a magnesium oxide, the insulating layer ~~[[is]]~~ being formed at one of: between the inner electrode ~~which is,~~ disposed ~~the most closely to nearest~~ the mounting surface, and the mounting surface~~[[, or]]~~; and between a pair of the inner electrodes ~~which neighbor adjacent to each other among a plurality of the inner electrodes, or between the~~

~~inner electrode which is disposed the most closely to the mounting surface and the mounting surface and between a pair of inner electrodes which neighbor each other among a plurality of the inner electrodes.~~

3. - 5. (Canceled)